

Endoscopic Cyclophotocoagulation (ECP)

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- A laser procedure for glaucoma done in the operating room
- There are two general varieties:
 - ECP done at the time of cataract surgery by the glaucoma specialist – the rest of this form will discuss this
 - ECP done by a retina specialist as it is done from the retinal back approach – for eyes that have failed trabeculectomy and tube shunt surgery or have too much scarring to undergo tube shunt surgery – this will not be discussed further on this page
- ECP done at the time of cataract surgery is for the patient whose eye pressure is well-controlled by medication but would like to be on fewer eye drops or for the patient who is close to good control but not enough for either cataract surgery alone or may not need a trabeculectomy
- Minimal postoperative care and restrictions
- Recovery of good vision may take longer than cataract surgery alone
- The cataract surgery is done first, then the endolaser probe is placed in the space behind the iris (the colored part of the eye) through the cataract incision to reduce the fluid production by the ciliary body (the part of the eye that produces the fluid)
- A patch is placed on the eye overnight
- Anesthesia is local with IV sedation
- Outpatient, patient examined in the office the next day
- Offers better long term pressure control compared with cataract surgery alone